

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S1 | 3 | (young with kim).in. and (parent \$2 with optic\$2) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 15:32 |
| S2 | 2 | (yeo with yun).in. and (parent \$2 with optic\$2) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 15:42 |
| S3 | 9 | (yeo with yun).in. and (parent \$2) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 15:43 |
| S4 | 426 | (young with kim).in. and (parent \$2) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 15:52 |
| S5 | 4 | (young with kim).in. and (parent \$2 with code) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 15:53 |
| S6 | 6 | ("5434678" "5629733" "5757748" "5808974" "5857020" "6091886").PN. | US_PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/10 15:56 |
| S7 | 3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/10 16:13 |
| S8 | 0 | 10/792272 | USPAT | ADJ | ON | 2008/03/10 16:14 |
| S9 | 0 | "10792272" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 16:14 |
| S10 | 1 | "10/792272" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 16:15 |
| S11 | 0 | 2002/0181339 | USPAT | ADJ | ON | 2008/03/10 16:39 |
| S12 | 0 | "20020181339" | USPAT | ADJ | ON | 2008/03/10 16:40 |

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|-----|----|---|--|-----|-----|---------------------|
| S13 | 0 | "20020181339".pd. | USPAT | ADJ | ON | 2008/03/10 16:40 |
| S14 | 0 | "20020181339".py. | USPAT | ADJ | ON | 2008/03/10 16:41 |
| S15 | 0 | "20020181339".py. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/10 16:41 |
| S16 | 0 | "20020181339" | USPAT | ADJ | ON | 2008/03/10 16:42 |
| S17 | 0 | 2002/0181339 | USPAT | ADJ | ON | 2008/03/10 16:42 |
| S18 | 0 | "20020181339".pd. | USPAT | ADJ | ON | 2008/03/10 16:52 |
| S19 | 0 | "2002/0181339".pd. | USPAT | ADJ | ON | 2008/03/10 16:53 |
| S20 | 0 | (2002/0181339).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/10 16:53 |
| S21 | 1 | ("20020181339").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/10 16:57 |
| S22 | 0 | (10/765876andindex).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/10 17:34 |
| S23 | 1 | 10/765876 and index | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2008/03/10 17:34 |
| S24 | 48 | (US-20040213554-\$ or US- 20030005135-\$ or US- 20030028622-\$ or US- 20040067042-\$ or US- 20060136961-\$ or US- 20070098362-\$ or US- 20030039472-\$ or US- 20020128061-\$ or US- 20040013398-\$).did. or (US- 5691972-\$ or US-6035329-\$ or US-5881203-\$ or US-6192189-\$ or US-6222925-\$ or US- 6438232-\$ or US-7103663-\$ or US-5915067-\$ or US-5933569-\$ or US-6122434-\$ or US- 7136579-\$ or US-5574567-\$ or US-5598276-\$ or US-5619251-\$ or US-5715020-\$ or US- 5813010-\$ or US-6009433-\$ or US-PP04692-\$ or US-PP04883-\$ or US-PP04921-\$ or US- PP04959-\$ or US-4380236-\$ or US-4384474-\$ or US-4793239-\$ or US-5813132-\$ or US- 6111569-\$).did. or (US- 6118744-\$ or US-6211800-\$ or | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 11:21 |

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|-----|--------|---|--------------------|-----|----|---------------------|
| | | US-6233393-\$ or US-6385388-\$ or US-6429879-\$ or US-6519412-\$ or US-6567979-\$ or US-6643450-\$ or US-6694090-\$ or US-6704491-\$ or US-6847777-\$ or US-7158950-\$ or US-PP18066-\$).did. | | | | |
| S25 | 3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/11 14:39 |
| S26 | 3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/11 14:39 |
| S27 | 3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/11 14:39 |
| S28 | 71 | ("20010004609" "20020077177" "20020121297" "20020152377" "20030008715" "20030077557" "20030078097" "20030227473" "20040005924" "4296476" "5459487" "5475835" "5551701" "5557541" "5558339" "5587546" "5592651" "5611066" "5649862" "5659742" "5680323" "5726909" "5735744" "5745574" "5752883" "5798921" "5841979" "5876286" "5892900" "5896125" "5915238" "5918223" "5935005" "5935744" "5946278" "5969283" "5980261" "5993319" "6001015" "6005597" "6011758" "6012068" "6031795" "6065020" "6093880" "6119116" "6122617" "6128625" "6147940" "6161185" "6181336" "6189096" "6224485" "6230320" "6280327" "6280329" "6299535" "6309301" "6320320" "6393430" "6464585" "6468160" "6488508" "6502111" "6520890" "6535269" "6599194" "6601171" "6712704" "6769989" "6875021").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 16:52 |
| S29 | 50 | parent\$3 adj (rat\$3 or code) with (detect\$3 or determin\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:08 |
| S30 | 176613 | ("no" or missing) with (parent \$3 or cod\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:10 |

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|-----|------|---|------------------------|-----|----|------------------|
| S31 | 2579 | ("no" or miss\$3) with (parent\$3 or cod\$3) with optic\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:12 |
| S32 | 0 | S31 and S29 | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:13 |
| S33 | 2530 | ("no" or miss\$3) with (parental or cod\$3) with optic\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:43 |
| S34 | 90 | S31 and "386"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:45 |
| S35 | 397 | ("no" or miss\$3) adj4 (parental or cod\$3) with optic\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:46 |
| S36 | 3 | ("no" or miss\$3) adj4 (parent \$2) with optic\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:56 |
| S37 | 8779 | ("no" or miss\$3) adj4 (parent \$2) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:57 |
| S38 | 723 | ("no" or miss\$3) adj4 (parental) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:57 |
| S39 | 7 | ("no" or miss\$3) adj4 (parental) with (optic\$2 or dvd or cd) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 17:58 |
| S40 | 1695 | ("no" or miss\$3) adj4 (parental or restrict\$3) same (optic\$2 or dvd or cd) | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 18:01 |
| S41 | 107 | ((("no" or miss\$3) adj4 (parental or restrict\$3) same (optic\$2 or dvd or cd)) and "386"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 18:02 |
| S42 | 1 | "6009433".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 18:08 |
| S43 | 0 | assign with parental with optical | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 18:11 |
| S44 | 3 | write with parental with optical | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 18:11 |
| S45 | 0 | ("no" or miss\$3 or absent) adj4 (parental) with optic\$2 | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 11:34 |
| S46 | 4 | ("no" or miss\$3 or absent) adj4 (parental with code) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 11:35 |
| S47 | 6 | ("5434678" "5629733" "5757748" "5808974" "5857020" "6091886").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/12 11:56 |
| S48 | 23 | ("6091886").URPN. | USPAT | ADJ | ON | 2008/03/12 11:56 |
| S49 | 2 | 09/921420 | USPAT | ADJ | ON | 2008/03/12 12:46 |
| S50 | 2 | 09/921044 | USPAT | ADJ | ON | 2008/03/12 12:47 |
| S51 | 0 | 2003/0026587 | USPAT | ADJ | ON | 2008/03/12 12:47 |
| S52 | 1 | "20030026587" | USPAT | ADJ | ON | 2008/03/12 12:47 |
| S53 | 23 | ("6091886").URPN. | USPAT | ADJ | ON | 2008/03/12 12:48 |

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|-----|-----|---|---------------------------|-----|----|------------------|
| S54 | 73 | detect\$3 with "no" with rating | USPAT | ADJ | ON | 2008/03/12 12:59 |
| S55 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:17 |
| S56 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:18 |
| S57 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:18 |
| S58 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:18 |
| S59 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:18 |
| S60 | 0 | ("2003/0005432").URPN. | USPAT | ADJ | ON | 2008/03/12 13:18 |
| S61 | 49 | detect\$3 with ("no" or miss\$3 or absent) adj4 (parental) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:24 |
| S62 | 182 | detect\$3 with ("no" or miss\$3 or absent) with (parental) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:29 |
| S63 | 0 | detect\$3 with ("no" or miss\$3 or absent) with (parental with rating) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:30 |
| S64 | 0 | detect\$3 with ("no" or miss\$3 or absent) with parental with rating | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:30 |
| S65 | 0 | detect with ("no" or miss\$3 or absent) adj4 (parental with code) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:34 |
| S66 | 0 | (detect or find or obtain)with ("no" or miss\$3 or absent) adj4 (parental with code) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:35 |
| S67 | 127 | (detect or find or obtain) with ("no" or miss\$3 or absent) with (parental or rating) | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:36 |
| S68 | 3 | S67 and "386"/.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:37 |
| S69 | 4 | S67 and "725"/.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:37 |
| S70 | 1 | S68 not S69 | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:37 |
| S71 | 2 | S69 not S68 | US-PGPUB; USPAT | ADJ | ON | 2008/03/12 13:42 |
| S72 | 3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/12 13:58 |
| S73 | 2 | ("6747920").URPN. | USPAT | ADJ | ON | 2008/03/12 14:00 |
| S74 | 4 | ("6118744" "6278836" "6519412" "6694090").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/12 14:01 |
| S75 | 6 | ("5434678" "5629733" "5757748" "5808974" "5857020" "6091886").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/12 14:24 |

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|-----|-----|--|---|-----|----|---------------------|
| S76 | 113 | ("5629733").URPN. | USPAT | ADJ | ON | 2008/03/12 14:26 |
| S77 | 1 | 10/792272 and (generating with information) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 15:13 |
| S78 | :0 | "20030026593".pd. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 15:30 |
| S79 | :0 | "20030026593".py. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 15:30 |
| S80 | :3 | "20030026593" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 15:31 |
| S81 | :62 | parental adj10 optical | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 16:13 |
| S82 | :5 | 09/479819 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 17:06 |
| S83 | :2 | "5987211".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/12 17:07 |
| S84 | :2 | "5933569".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/13 11:26 |
| S85 | :2 | "20030026593" | US_PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/13 13:38 |
| S86 | :23 | ("6091886").URPN. | USPAT | ADJ | ON | 2008/03/13 13:43 |

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|------|-------|---|---------------------------|-----|----|---------------------|
| S87 | :0 | ("7330638").URPN. | USPAT | ADJ | ON | 2008/03/13 13:43 |
| S88 | :0 | ("7330638").URPN. | USPAT | ADJ | ON | 2008/03/13 13:43 |
| S89 | :28 | ("20040128681" "20050028191" "3947669" "4368961" "4489316" "4501478" "4774600" "4931879" "5122886" "5172111" "5459517" "5589945" "5661844" "5734444" "5758026" "5760767" "5892536" "5913013" "5950172" "5986692" "5987211" "6038367" "6091886" "6208805" "6236801" "6351596" "6411771" "6704029").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/13 13:43 |
| S90 | :13 | ("4792864" "4930158" "5122886" "5214556" "5382983" "5448371" "5485518" "5488409" "5550575" "5583576" "5717814" "5751335" "5937158").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/13 14:11 |
| S91 | :6 | ("6347183").URPN. | USPAT | ADJ | ON | 2008/03/13 14:12 |
| S92 | :0 | (first adj memory) with (second adj memory) with (third adj memory) with (parental) | USPAT | ADJ | ON | 2008/03/13 15:40 |
| S93 | :3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/13 15:44 |
| S94 | :3528 | parent\$2 with (change or alter) | USPAT | ADJ | ON | 2008/03/13 15:55 |
| S95 | :75 | S94 and "386"/\$.ccls. | USPAT | ADJ | ON | 2008/03/13 15:55 |
| S96 | :139 | (final or second) with parent\$2 with (change or alter) | USPAT | ADJ | ON | 2008/03/13 16:25 |
| S97 | :2 | S96 and "386"/\$.ccls. | USPAT | ADJ | ON | 2008/03/13 16:26 |
| S98 | :1 | S96 and "725"/.ccls. | USPAT | ADJ | ON | 2008/03/13 16:26 |
| S99 | :1 | S96 and "725"/\$.ccls. | USPAT | ADJ | ON | 2008/03/13 16:26 |
| S100 | :3 | ("6519412").URPN. | USPAT | ADJ | ON | 2008/03/13 16:28 |
| S101 | :2 | ("6694090").URPN. | USPAT | ADJ | ON | 2008/03/13 16:30 |
| S102 | :0 | (parental adj code) with history | USPAT | ADJ | ON | 2008/03/13 17:14 |
| S103 | :0 | (parental adj change) with history | USPAT | ADJ | ON | 2008/03/13 17:14 |

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|------|------|--|-------|-----|----|---------------------|
| S104 | :0 | (parental adj code) with history | USPAT | ADJ | ON | 2008/03/13 17:14 |
| S105 | :0 | (parental adj code) with log | USPAT | ADJ | ON | 2008/03/13 17:14 |
| S106 | :220 | parental with code | USPAT | ADJ | ON | 2008/03/13 17:16 |
| S107 | :0 | ((parental with code) with renew\$2) | USPAT | ADJ | ON | 2008/03/13 17:32 |
| S108 | :11 | (parental with renew\$2) | USPAT | ADJ | ON | 2008/03/13 17:32 |
| S109 | :1 | (renewal with history) and "386"/.ccls. | USPAT | ADJ | ON | 2008/03/13 17:35 |
| S110 | :463 | (history) and "386"/.ccls. | USPAT | ADJ | ON | 2008/03/13 17:39 |
| S111 | :11 | (history with stored with medium) and "386"/.ccls. | USPAT | ADJ | ON | 2008/03/13 17:39 |

3/14/2008 2:38:54 PM

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